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(18 citations)network is said to generalize if it gives correct **responses** to input patterns not seen during training.brain is believed to have evolved. 1.1 Learning as **entropy** reduction A neural network, when trained, isRijksuniversiteit Te Leiden Vakgroep Informatica **Designing Modular Artificial Neural Networks** Egbert J.w.www.inet.gda.pl/ai/ftp.wi.LeidenUniv.nl/pub/CS/TechnicalReports/1993/tr93-24.ps.gz**One or more of the query terms is very common - only partial results have been returned. Try [Google \(CiteSeer\)](#).**Integrating Planning and Reaction: A Preliminary Report - Bresina, Drummond (1990)
(Correct) (7 citations)must be capable of determining, at runtime, a **response** appropriate to a novel situation-goal pair. ThisThis paper is a preliminary report on the **Entropy** Reduction Engine architecture for integratinga NASA mission scenario and a brief list of **design** goals. The main body of the paper presents ancgenie.lboro.ac.uk/~dan/papers/jb-spring-90.psDiscontinuous Regression Surfaces Fitting - Qiu (1998) (Correct) (1 citation)function usually takes discrete values while the **response** variable in the regression setup is generallymethod is closely related to the maximum-**entropy** methods (Titterington 1985) and the Bayesianfitted through these points in a neighborhood of a **design** point. This line provides a first-orderbiostat3.med.ohio-state.edu/surface.psRedesigning a Network of Rainfall Stations - Sanso, Müller (1997) (Correct)(1997) use a kriging model to estimate the **response surface** of interest and show how the problem ofauthors consider an approach based on minimising **entropy** and a normal-inverted-Wishart model. Nychka andcost. We formulate the problem as an optimal **design** problem with decision variables d , a probability

<ftp.isds.duke.edu/pub/WorkingPapers/97-25.ps>

Unsupervised Learning With Global Objective Functions - Becker (Correct)

as to whether or not it has produced the correct **response** for each input pattern.

Invariably, though, for

where $H(x) = -\int p(x) \log p(x) dx$ is the **entropy** of random variable x with probability also adheres to the principles of good algorithm **design** well-known to the computer scientist: we start

www.science.mcmaster.ca/Psychology/becker/papers/handbook-bttn.ps.Z

Parametric And Non-Parametric Techniques For Identifying.. - Kamal Khiani (Correct)

the network is conditioned to yield a particular **response** to a specific input. The training sample

gray level) and two from the cooccurrence matrix (**entropy** and correlation) These features were used in

in figure 1. A controlled imaging environment was **designed** This work has been partially supported by

mecca.spd.louisville.edu/~yamany/embs.ps

An Explicit Multi-Model Compressible Flow Formulation.. - Cai, Paraschivoiu.. (1999) (Correct)

However, for large scale simulations, the **response** time remains too large for the software to be

the accuracy avoiding any numerical generation of **entropy**. The main considerations addressed in this paper

matured to be considered accurate for engineering **design** and analysis. However, for large scale

www.cs.colorado.edu/homes/cai/public_html/papers/dd11.ps.gz

Perception And Entropy Inspired Ultrasonic Grain Noise.. - Ericsson, Gustafsson (Correct)

MHz and 0.7-1.4 MHz, respectively. The ultrasonic **response** signals were sampled at a rate of 40 MHz, with a

Perception And **Entropy** Inspired Ultrasonic Grain Noise Suppression,

is well known from telecommunication, it is **designed** for detection of a band pass signal $s(t)$

www.signal.uu.se/Publications/psu/c982.ps

Numerical Analysis of Hollow Piezoceramic Cylindrical.. - Melnik, Melnik (Correct)

that controls cell activity. Due to their fast **response** to vibrations or other external stimuli, derivative of corresponding tensors. We assume the **entropy** balance $T @ S = t = \Gamma Q$ where T

as nondestructive investigation in geophysics, **design** of medical ultrasonic equipment, low-tolerance

www.sci.usq.edu.au/staff/melnik/papers/my_emac98.ps

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Independent Component Analysis of Electroencephalographic Data - Makeig, al. (1996)
(Correct) (38 citations)

39-Hz click train evoking a 39-Hz steady-state **response** (SSR) Short, and task-irrelevant probe tones of

(u) ICA can then be performed by maximizing the **entropy**, $H(y)$ of a non-linearly transformed vector: y

from potential patterns recorded on the scalp **surface** is mathematically underdetermined.

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Designing Modular Artificial Neural Networks - Boers, Kuiper, Happel.. (1993) (Correct)
(18 citations)

network is said to generalize if it gives correct **responses** to input patterns not seen during training.

brain is believed to have evolved. 1.1 Learning as **entropy** reduction A neural network, when trained, is

selection of the training set, because the error **surface** of the weight space depends on the training

www.inet.gda.pl/ai/ftp.wi.LeidenUniv.nl/pub/CS/TechnicalReports/1993/tr93-24.ps.gz

An Evolutionary Algorithm for Integer Programming - Günter Rudolph (1994) (Correct)
(15 citations)

algorithm does not have prior knowledge of the **response surface** there is absolute uncertainty about the

integer search spaces. The principle of maximum **entropy** is used to select a specific distribution from

does not have prior knowledge of the **response surface** there is absolute uncertainty about the next

Is11-www.informatik.uni-dortmund.de/people/rudolph/publications/Rud94c.ps.gz

Numerical Schemes for the Hamilton-Jacobi and Level Set.. - Barth, Sethian (1997)
(Correct) (14 citations)

resolution, not just around the interface, but in **response** to other variables as well, this approach is

one space dimension is well known. Let u denote an **entropy** solution of the conservation law equation u_t

mean curvature of the $(d+1)$ dimensional level set **surface** and is calculated from the divergence formula

www.math.berkeley.edu/~sethian/Publications/.../Papers/sethian.barth.ps.gz

A Gallavotti-Cohen Type Symmetry in the Large Deviation.. - Lebowitz, Spohn (1999)
(Correct) (8 citations)

These give a relation between linear **response** and current fluctuations in equilibrium. In this

in the fluctuation theorem and the macroscopic **entropy** production. This gives, in the linear regime, an

chosen so that the system evolves on a compact **surface** (generally one of constant energy) in phase

www-m5.mathematik.tu-muenchen.de/pers/spohn/129cg.ps

Integrating Planning and Reaction: A Preliminary Report - Bresina, Drummond (1990)
(Correct) (7 citations)

must be capable of determining, at runtime, a **response** appropriate to a novel situation-goal pair. This

This paper is a preliminary report on the **Entropy** Reduction Engine architecture for integrating

are known by the design team for example, soil **surface** characteristics, **surface** topography, and

cgenie.lboro.ac.uk/~dan/papers/jb-spring-90.ps

Sensor Abstractions to Support Many-Robot Systems - Gage (1992) (Correct)
(6 citations)

initiate various productive activities in **response** to quite simple signals and cues. Honey bee

system and pheromone mechanisms) and physics (**entropy**, temperature, pressure, solid, liquid, gas) in

[8]gathering oceanographic data [9]planetary **surface** exploration [10, 11, 12]and aircraft carrier

www.nosc.mil/robots/pubs/spie92.pdf

Nonlinear Extensions To The Minimum Average Correlation Energy.. - Fisher, III (1997)
(Correct) (4 citations)

.9 2 MSF peak output **response** of training vehicle 1a over all aspect angles.

www.ai.mit.edu/people/fisher/mypage/.../papers/dissertation.ps.gz

The Advantages of Evolutionary Computation - Fogel (1997) (Correct) (2 citations)

the simplicity of the approach, its robust **response** to changing circumstance, its flexibility, and

peaks become troughs, minimized prediction error **entropy** wells" Atmar, 1979)Such a viewpoint is

(1932) involving "adaptive landscapes.A **response surface** describes the fitness assigned to alternative

orange.cp.eng.chula.ac.th/Prabhas/fogel_bcec97.pdf

A Fresh Look At Model Selection In Inverse Scattering - Vincent Macaulay (1996)

(Correct) (2 citations)

inferring which is considered here. The initial **response** to this inverse problem was to parametrize the by an application of Jaynes' principle of maximum **entropy**. The parameter introduced to satisfy the assumed its gross features, e.g.its spatial extent and **surface** diffuseness (Hofstadter 1956)This provided a www.phon.ox.ac.uk/~vincent/me94v.ps

Dual Topologically Adaptable Snakes - Giraldi, Goncalves, Oliveira (2000) (Correct) (1 citation)

can dynamically conform to object contours in **response** to internal (elastic) and external forces step. The T-snake model incorporates also an **entropy** condition: once a node is burnt (passed over by models consist basically of an elastic curve (or **surface**) which can dynamically conform to object www.lcg.ufrj.br/~w3master/pub/giraldi_garcia_iccvprp2000.ps.gz

Optimization of Entropy with Neural Networks - Schraudolph (1995) (Correct) (1 citation)

disparity 1.823. 24 II.3 **Response** of first layer as a function of disparity : University Of California, San Diego Optimization Of **Entropy** With Neural Networks A Dissertation Submitted In ftp.cnl.salk.edu/pub/schraudo/thesis.ps.gz

Discontinuous Regression Surfaces Fitting - Qiu (1998) (Correct) (1 citation)

function usually takes discrete values while the **response** variable in the regression setup is generally method is closely related to the maximum-**entropy** methods (Titterington 1985) and the Bayesian Discontinuous Regression **Surfaces** Fitting Short Title: Jump **Surfaces** Fitting biostat3.med.ohio-state.edu/surface.ps

A Minimum-Entropy Estimator For Regression Problems With.. - Pronzato And Thierry (2000) (Correct)

with a compact set, is the model **response** for parameters and experimental conditions A Minimum-**Entropy** Estimator For Regression Problems With Unknown (y 1 yn)belongs to the expectation **surface** S, de ned by S =f1) www.i3s.unice.fr/~pronzato/FichPS/maxent2000.ps

Nucleosynthesis of Elements in Low to Intermediate Mass.. - John Lattanzio And (Correct)

and the central temperature and density grow in **response** to the increasing molecular weight (points 1-3) the star begins its ascent of the AGB. With this **entropy** barrier removed, the inner edge of the phases of a star's life where mixing brings to the **surface** the products of interior nucleosynthesis. These www.maths.monash.edu.au/~johnl/preprints/grainpaper.ps.gz

Overview of Recent Flight Flutter Testing Research at NASA.. - Brenner, Lind, Voracek (1997) (Correct)

Research Center Edwards, California Abstract In **response** to the concerns of the aeroelastic community, Mach, critical flight parameters MEM maximum **entropy** method MIMO multi-input-multi-output MLE system were programmed to activate the control **surfaces** for aeroservoelastic excitation. 2. A variety of www.dfrc.nasa.gov/DTRS/1997/PDF/H-2165.pdf

A Local Fluctuation Theorem - Gary Ayton Denis (2000) (Correct)

it is valid far from equilibrium in the nonlinear **response** regime [1]In 1994, Evans and Searles [2-4] a nonequilibrium steady state, the time averaged **entropy** production per unit volume, takes on a value $\frac{1}{V} \frac{dS}{dt}$ where the volume V has an enclosing **surface** S with outward normal dS [13]Dividing the rsc.anu.edu.au/~evans/FTforPoise.pdf

The Analysis of a Micro-Scale Pump which uses Controlled .. - Jeffrey Dohner.. (1998) (Correct)

sound speed -shear sound speed -time averaged **response** of -solid angle coefficient -Green's function - expansion coefficient of viscosity -specific **entropy** ,perturbations of density , coefficient -Green's function -fluid domain -**surface** of fluid domain -vector pointing to a point in infoserve.sandia.gov/sand_doc/1998/980207.pdf

Simulations of the Erythrocyte Cytoskeleton at Large.. - Dennis Discher David (1998) (Correct)

deforms in experiment. INTRODUCTION Mechanical **responses** of cells originate in disparate physics over of the network arises from the configurational **entropy**, i.e.thermal fluctuations, of multisegmented has an inside diameter of 12s R #0.9 #m. The **surface** of the cell is triangulated with 6110 vertex www.phys.sfu.ca/research/workarea/boal/papers/paper94.pdf

How and why phosphotyrosine-containing peptides bind to the.. - Zhou, Abagyan (Correct)

dipoles Langevin dipoles model (PDL) and linear-**response** approximation (LRA) 29]Other methods use such as polar and apolar contributions [32]**entropy** loss of the ligand [33,34]and **surface** [32]**entropy** loss of the ligand [33,34]and **surface** complementarity [35]In general, fast and saturn.med.nyu.edu/groups/AbagyanLab/abstracts/..sh2/sh2.pdf

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Embedded Cluster

dvworld.nwu.edu/DVM/Docs/CIMTEC.pdfAdaptive Filters - Haykin (Correct)adaptive filters compute an estimate of a desired **response** by using a linear combination of the availableinvoke the notion of likelihood function [35]**entropy** [36] or Kullbeck-Leibler divergence [37]means that the gradient of the error performance **surface** with respect to the free parameter vectorsoma.crl.mcmaster.ca/ASL/PUBS/FTP/Adaptive.IEEE.98.psEntropy Applied to Morphological Analysis and.. - Christine Andraud.. (Correct)Each configuration having its own local optical **response**, will then affect the global **response** of theFrance 7 (1997) 549 -557 MARCH 1997, PAGE 549 **Entropy** Applied to Morphological Analysis anddisks are black. The black pixel concentration (**surface** fraction) inside the image is 20% Fig. 1)

www-l2ti.univ-paris13.fr/~beghdadi/jp30309.pdf

Driven Lattice Gases: Typical Fluctuations And Large Deviations - Spohn (Correct)
are then defined through the equilibrium linear **response** in the currents due to driving gradients, which
in the large box, then we can define an "**entropy**" through the large deviations as (for N)
strong fields that LTE fails (hot electrons) 4] **Surface** growth is a further point in case: the
www-m5.mathematik.tu-muenchen.de/pers/spohn/115gas.ps

An Explicit Multi-Model Compressible Flow Formulation.. - Cai, Paraschivoiu.. (1999) (Correct)

However, for large scale simulations, the **response** time remains too large for the software to be
the accuracy avoiding any numerical generation of **entropy**. The main considerations addressed in this paper
convective fluxes through edges. When the **surface** of the control volume is different from the
www.ddm.org/DD11/Cai.ps.gz

Effects of Jet Swirl on Mixing of a Light Gas Jet in a.. - Since Its Founding (1999) (Correct)
26 3.5 Probe **Response** Time

mixing. Losses in total pressure (rises in **entropy**) associated with such schemes are low due to the
of a 25 supersonic jet injected from a flat **surface** (flush wall injection) into a supersonic ducted
techreports.larc.nasa.gov/ltrs/PDF/1999/cr/NASA-99-cr209842.pdf

Parallel Signal Processing At Aberdeen - Allen, Wang, Player (Correct)

receiver h: blurring function (system impulse **response**, for a plane reflector) f: image (height)
In particular, a nonlinear technique (the maximum **entropy** method (MEM)) has yielded reliable measurements
research at Aberdeen has been the measurement of **surface** roughness (R_a !100m) using ultrasound pulse
pluto.eng.abdn.ac.uk/papers/pol_pap.ps.gz

High-Resolution IRAS Maps Parallelised - Tj Bontekoe Van (Correct)

profile of the detector **surface** (the detector **Response** Function, or RF) The grey rectangle is the
Postbus 800, 9700 AV Groningen Keywords: Maximum **Entropy**, Image Processing, Parallelisation, Peano
of the sensitivity profile of the detector **surface** (the detector **Response** Function, or RF) The
www.wins.uva.nl/research/pscs/papers/./papers/archive/Albada98_1.pdf

A Case Study On The Influence Of Shadows And Shading On.. - Gwinner German Aerospace (Correct)

described below, we have analyzed the spectral **response** of scene **surfaces** partly

covered with cast
data. Second, we determine Shannon's information **entropy** (Shannon and Weaver, 1949)
both for shadow and
due to the three-dimensional shape of land **surface** and land coverage can cause seriously
falsified
www.fpk.tu-berlin.de/~gw/papers/kopenh97.ps.gz

Speech/music Discrimination Based On Posterior Probability.. - Williams, Ellis (1999)
(Correct)

between phone segments, i.e. to sharpen the **response** in these regions as much as
possible, given the
variable for each segment: Mean per-frame **entropy**, defined as: $\frac{1}{N} \sum_{n=0}^{N-1} \sum_{k=1}^K p_{n,k} \log p_{n,k}$
of this approach is that the smoothed spectral **surface** underlying MFCCs and similar
features has been
ftp.icsi.berkeley.edu/pub/speech/papers/euro99-musssp.pdf

Curvature and the Evolution of Fronts - Sethian (1985) (Correct)

to a linearized analysis and thus the sympathetic **response** across all modes to a finite
amplitude
seen to blow up, differentiability is lost, and an **entropy** condition can be formulated to
provide an
boundary condition, which includes the effects of **surface** tension, is given by the
Gibbs-Thomson relation,
www.math.berkeley.edu/~sethian/Publications/./Papers/sethian.comm_math.85.ps.gz

A Two Column Model of Tropical Atmospheric Circulations - David Raymond And
(Correct)

Oceans Global Atmosphere Coupled Ocean Atmosphere **Response** Experiment Webster
and Lukas, 1992) are being
of a positive imbalance in the column's **entropy** budget, resulting in the tendency to further
with a specified adjustment time. Convection, **surface** fluxes, and radiation are
parameterized in the
kestrel.nmt.edu/pub/raymond/column.ps.gz

The Maximum Likelihood Neural Network As A Statistical.. - Faraggi, Simon (Correct)

total squared error, where y_{ir} is the r th **response** of the i th case. The training begins by
and 4 estimated its parameters by minimizing an **entropy** measure of classification using
the EM
with many parameters involved, the error **surface** may be highly convoluted and contain
many local
rstat.haifa.ac.il/~faraggi/NNLOG.PS.gz

Cause and effect reversed in non-equilibrium molecular.. - Müller-Plathe, Reith (1998)
(Correct)

are discussed. 2/18 1. Introduction Linear-**response** is often found experimentally in
transport
the products $j_a \times b$ have the dimensions of an **entropy** production rate. In general, they do
differ from

transported in z direction through a perpendicular **surface** of area A per time t, see Fig 1. It can also

www-theory.mpi-mainz.mpg.de/~mplathe/downloads/NEMD.ps.gz

Viscoelasticity Of Biopolymer Networks And Statistical.. - Frey, Kroy, Wilhelm (1998) (Correct)

. 5 II.B Nonlinear **response** .

cannot be understood from conformational **entropy** alone but crucially depends on the bending

other cell types that migrate individually on a **surface** or through tissues. It is absolutely essential

www.physik.tu-muenchen.de/~kkroy/publist/adv_struct_biol.ps.gz

Effects on Solar Structure of Opacity Changes - Tripathy Udaipur (Correct)

line) here \ln is the natural logarithm. 3. **Response** of the envelope For a given equation of state,

determined by the composition and the specific **entropy**. The latter is fixed by adjusting the

1. Models EN1 and EN2 have the same values of **surface** hydrogen abundance X_s while EN1 and EN3 have

www.obs.aau.dk/~jcd/papers/bombay95/opac-mod.ps.Z

Direct Computations Of Unsteady Flows About Thin Airfoils - Sheryl Grace (Correct)

subsonic flows. Results for the unsteady **surface response** for real-geometry airfoils in compressible

pressure, ρ is the density of the fluid, s is the **entropy**, subscript o denotes the mean flow quantities,

in subsonic flows. Results for the unsteady **surface response** for real-geometry airfoils in

www.math.uakron.edu/hari/papers/out.ps

Redesigning a Network of Rainfall Stations - Sanso, Müller (1997) (Correct)

(1997) use a kriging model to estimate the **response surface** of interest and show how the problem of

authors consider an approach based on minimising **entropy** and a normal-inverted-Wishart model. Nychka and

use a kriging model to estimate the **response surface** of interest and show how the problem of

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lomond.maths.warwick.ac.uk/~lamb/papers/apnr.ps

Excitation And Damping Of P-Modes - Ake Nordlund (Correct)of (in particular) the low-frequency modes is the **response** of the Reynolds stress to the presence ofshow, e.g.that the stochastic excitation due to **entropy** fluctuations significantly exceeds that due toof turbulent convection in the near-solar-**surface** layers. Even before the detailed mode structure

www.pa.msu.edu/~steinr/papers/kyoto97_4.ps.gz

The Relaxation of Non-Quasiconvex Variational Integrals - Kloucek (1997) (Correct)internal organization of a material in **response** to external stimuli corresponds to a passage selection principle ought to be stronger than the **entropy** conditions for hyperbolic problems [1]2]variational integral: 1) by adding the **surface** energy, 2) by following the minimization path softlib.rice.edu/pub/CRPC-TRs/reports/CRPC-TR97709.ps.gzTheories, vol. 4, edited by E. Schachinger, - Et Al (Correct)we have studied the fully self-consistent spin **response** to a staggered magnetic field [14]The resultsWe would like to calculate reliably the **entropy** and specific heat as a function of temperature,special features of band structure, such as Fermi **surface** nesting [9] and van Hove singularities near the

magus.physics.georgetown.edu/papers/deisz/cut_off.ps

Unsupervised Learning With Global Objective Functions - Becker (Correct)as to whether or not it has produced the correct **response** for each input pattern.

Invariably, though, for

where $H(x) = \int_{\mathcal{R}} p(x) \log p(x) dx$ is the **entropy** of random variable x with probability as single points on a lower-dimensional constraint **surface**, by penalizing activation patterns that deviated

www.science.mcmaster.ca/Psychology/becker/papers/handbook-bttn.ps.Z

Parametric And Non-Parametric Techniques For Identifying.. - Kamal Khiani (Correct)

the network is conditioned to yield a particular **response** to a specific input. The training sample

gray level) and two from the cooccurrence matrix (**entropy** and correlation) These features were used in

a gradient descent on a squared error energy **surface** to arrive at a minimum. Method 4: Functional

mecca.spd.louisville.edu/~yamany/embs.ps

Chromospheric network properties on short time scales from .. - Ermolli Osservatorio

(Correct)

offset, thermal dark current and flat-field **response**) We applied to each sub-array a FFT highpass

mean contrasts obtained performing the Maximum **Entropy** Method spectral analysis on data extracted (a)

the diffusion rate of magnetic fields on the solar **surface**. On the other hand, a large interest has been

oar.rm.astro.it/rise/sp97_2.ps

An Explicit Multi-Model Compressible Flow Formulation.. - Cai, Paraschivoiu.. (1999)

(Correct)

However, for large scale simulations, the **response** time remains too large for the software to be

the accuracy avoiding any numerical generation of **entropy**. The main considerations addressed in this paper

convective fluxes through edges. When the **surface** of the control volume is different from the

www.cs.colorado.edu/homes/cai/public_html/papers/dd11.ps.gz

A Neural Model of Time to Toxin Production by Non-Proteolytic - Clostridium Botulinum

(Correct)

using a conventional model based on a quadratic **response surface**. 1. Introduction

Clostridium botulinum

using the backpropagation algorithm with a cross-**entropy** error metric, to estimate the a posteriori

a conventional model based on a quadratic **response surface**. 1. Introduction Clostridium botulinum is an

www.sys.uea.ac.uk/~gcc/papers/ijcnn98.ps.gz

Perception And Entropy Inspired Ultrasonic Grain Noise.. - Ericsson, Gustafsson (Correct)

MHz and 0.7-1.4 MHz, respectively. The ultrasonic **response** signals were sampled at a rate of 40 MHz, with a

Perception And **Entropy** Inspired Ultrasonic Grain Noise Suppression,

3.8 3.9 f low up Figure 2: A part of the **entropy surface** - a function of f low and f up . The advantage

www.signal.uu.se/Publications/psu/c982.ps

Numerical Analysis of Hollow Piezoceramic Cylindrical.. - Melnik, Melnik (Correct)

that controls cell activity. Due to their fast **response** to vibrations or other external stimuli, derivative of corresponding tensors. We assume the **entropy** balance $T@S=t = \text{Gamma} q$ ii Q 4) where T

areas as aerospace and oceanographic research. **Surface**bonded piezoelectrics or piezoelectrics embedded

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against the destabilizing effect of nonlinear **response**, as well as a damping effect on oscillations of heat, equipped with globally defined "**entropy**" functions for the associated relaxation references therein. The issue is important in the **design** of relaxation schemes for the equations of gas

kleene.math.wisc.edu/~tzavaras/reprints/relax.ps

Massively Replicating Services in Wide-Area Internetworks - Danzig, DeLucia, Obraczka (1994) (Correct) (12 citations)

services should not trade availability and **response** time for globally ordered delivery [6]On one received corrupted articles. 1.4 Timestamped, Anti-**Entropy** Replication Golding modified Grapevine's Recall the end-to-end argument in layered **design** [16]functions that can only be completely and

catarina.usc.edu/pub/kobraczk/ToN.ps.Z

A Genetic Approach to Finding a Controller to Back Up a.. - Koza (1992) (Correct) (12 citations)

in advance. The needed structure is evolved in **response** to the selective pressures of Darwinian for complex roots)generation of maximal **entropy** sequences of random numbers [14]finding kinematic equations (e.g.to move a robot arm to **designated** target points) 10]optimal control (e.g.

www.genetic-programming.com/ACC92.ps

The Application of Microeconomics to the Design of Resource.. - Ferguson (1989) (Correct) (10 citations)

economy substantially decreases mean transaction **response** time by adapting to to the transactions . 123 5.3.2 Adapting to **Entropy** . The Application of Microeconomics to the **Design** of Resource Allocation and Control Algorithms

www.cs.columbia.edu/~jakka/Don-thesis.ps.gz

Parallel Newton-Krylov-Schwarz Algorithms For The.. - Cai, Gropp, KEYES.. (1998) (Correct) (8 citations)

which is often progressively tightened in **response** to a falling nonlinear residual norm. The most full potential equation also avoids the spurious **entropy** generation near stagnation often associated with problems in [5] and of linear aerodynamic **design** optimization problems in [32]Newton-Krylov

www.cs.colorado.edu/homes/cai/public_html/papers/nks96.ps.gz

A Progressive Transmission Image Coder Using Linear Phase.. - Tran, Nguyen (1997)(Correct) (8 citations)

and unequal-length constraint on filter **responses**: C overall =ff 1C coding gain ff 2C DC ff energy compaction that leads to more efficient **entropy** coding of the coefficients ii) from the

shows that lapped transforms, when carefully **designed**, are capable of providing superior
saigon.ece.wisc.edu/~waveweb/Coder/./Publications/Tran/coder.ps.gz

Integrating Planning and Reaction: A Preliminary Report - Bresina, Drummond (1990)(Correct) (7 citations)

must be capable of determining, at runtime, a **response** appropriate to a novel situation-goal pair. This

This paper is a preliminary report on the **Entropy** Reduction Engine architecture for integrating

a NASA mission scenario and a brief list of **design** goals. The main body of the paper presents an

cgenie.lboro.ac.uk/~dan/papers/jb-spring-90.ps

Coding for Low-Power Address and Data Busses: A.. - Ramprasad, Shanbhag.. (1998)(Correct) (3 citations)

where F represents the vector of the impulse **response** of a linear filter. The decorrelator f_1

function f_1 first. Next, a variant of **entropy** coding function f_2 is employed, which reduces in this paper is a source-coding framework for the **design** of coding schemes to reduce transition activity.

uivlsi.csl.uiuc.edu/~ramprasa/vlsi98.ps.gz

Filter bank design for subband compression of ECG signals - Aase (1995) (Correct)(3 citations)

to give 16 bands, giving a total filter **response** length of 226 taps. 3.1. Quantization scheme is scalar quantized, and coded using run-length **entropy** coding. Huoemann coding is performed on the

Filter bank **design** for subband compression of ECG signals Sven Ole

www.ux.his.no/sigproc/www/norsig/norsig95/papers/aase.ps.gz

An Implementable Meta-process - Robertson (1996) (Correct) (2 citations)

if the resulting process cannot freely evolve in **response** to influences and to changes in circumstances,

have noted the existence of the property of '**entropy**' in human activity systems which include

Proceedings, Second World Conference on Integrated **Design** and Process Technology,

Eds MMTanik, FB Bastani,

ftp.cs.man.ac.uk/pub/IPG/ir96.ps

Function Optimization Using Connectionist Reinforcement.. - Ronald Williams (1991)(Correct) (2 citations)

reinforcement signal delivered to the network in **response** to its output pattern. This particular use of a

in nontrivial networks which incorporates an **entropy** maximization strategy. This was found to perform some already existing and some of his own **design**, on a number of optimization problems involving
ftp.ccs.neu.edu/pub/people/rjw/func-opt-cs-91.ps

Impact of diversity reception on fading channels.. - Ventura-Traveset, .. (1997) (Correct) (2 citations)

is fed to the shaping filter, whose impulse **response** 1 It may be interesting to observe that in channel is to the AWGN channel we use the cross-**entropy** [3] or Kullback-Leibler information measure)
Torino (Italy) Abstract We address the problem of **designing** and analyzing the performance of a coded
entropy.polito.it/pub/mobile/nord1.ps.gz

Discontinuous Regression Surfaces Fitting - Qiu (1998) (Correct) (1 citation)

function usually takes discrete values while the **response** variable in the regression setup is generally method is closely related to the maximum-**entropy** methods (Titterington 1985) and the Bayesian fitted through these points in a neighborhood of a **design** point. This line provides a first-order
biostat3.med.ohio-state.edu/surface.ps

The Impact of New Multimedia Representations on Hardware and.. - Bove, Jr. (1997) (Correct) (1 citation)

advantage of signal statistics and frequency-**response** models of human perception, but not of object (perhaps specified after undoing **entropy** coding or other compression)and also that we with particular reference to their impact on the **design** of software and hardware systems for multimedia.
www.media.mit.edu/people/vmb/papers/spie97bove.ps.Z

Meeting QoS Challenges for Scalable Video Flows in .. - Aurrecoechea.. (1995) (Correct) (1 citation)

the payout time of continuous media in **response** to variation in delay, audio and video flows can and the actual source material through the use of **entropy** coding: video sequences that deviate from the information in the signal. Using creative **design** techniques that take into account the perceptual
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1 An adaptive low-angle tracking system*Du Fort, E.;*

Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volume: 29 Issue: 5 , Sep 1981

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[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) **IEEE JNL****2 Performance verification of spectral and panchromatic modules of the MOMS-02 sensor flown aboard STS-55/D2-mission***Berger, M.; Kaufmann, H.;*

Geoscience and Remote Sensing Symposium, 1994. IGARSS '94. 'Surface and Atmospheric Remote Sensing: Technologies, Data Analysis and Interpretation'. , International , Volume: 4 , 8-12 Aug. 1994

Page(s): 2301 -2304 vol.4

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Energy Conversion Engineering Conference, 1996. IECEC 96. Proceedings of the 31st Intersociety , Volume: 2 , 11-16 Aug. 1996

Page(s): 1483 -1487 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) **IEEE CNF****4 Design of robust HMM speech recognizers using deterministic annealing***Rao, A.; Rose, K.; Gersho, A.;*

Automatic Speech Recognition and Understanding, 1997. Proceedings., 1997
IEEE Workshop on , 14-17 Dec. 1997
Page(s): 466 -473

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) **IEEE CNF**

5 Unsupervised neural network learning for blind sources separation

Szu, H.; Hsu, C.;

Neural Networks, 1998. Proceedings. Vth Brazilian Symposium on , 9-11 Dec. 1998

Page(s): 30 -38

[\[Abstract\]](#) [\[PDF Full-Text \(2336 KB\)\]](#) **IEEE CNF**

6 A blending model for efficient compression of smooth images

Mayer, J.;

Data Compression Conference, 1999. Proceedings. DCC '99 , 29-31 March 1999

Page(s): 228 -237

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) **IEEE CNF**

7 Wavelet coding of 3-D shape data using space-frequency quantization

Murata, D.; Otake, T.; Kawanaka, A.;

Data Compression Conference, 2000. Proceedings. DCC 2000 , 28-30 March 2000

Page(s): 551

[\[Abstract\]](#) [\[PDF Full-Text \(36 KB\)\]](#) **IEEE CNF**

8 Deterministically annealed design of hidden Markov model speech recognizers

Rao, A.V.; Rose, K.;

Speech and Audio Processing, IEEE Transactions on , Volume: 9 Issue: 2 , Feb. 2001

Page(s): 111 -126

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) **IEEE JNL**

9 Theoretical aspects of Bayesian approach to aperture synthesis for radar imaging

Shkvarko, Yu.; Leyva-Montiel, L.;

Antennas and Propagation Society International Symposium, 2002. IEEE , Volume: 4 , 16-21 June 2002

Page(s): 322 -325 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(365 KB\)\]](#) **IEEE CNF**

10 Multiple description quantization by deterministic annealing*Koulgi, P.; Regunathan, S.L.; Rose, K.;*

Information Theory, IEEE Transactions on , Volume: 49 Issue: 8 , Aug. 2003

Page(s): 2067 -2075

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Yu, T.K.; Kang, S.M.; Hajj, I.N.; Trick, T.N.;
Computer-Aided Design, 1988. ICCAD-88. Digest of Technical Papers., IEEE International Conference on , 7-10 Nov. 1988
Page(s): 20 -23

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) **IEEE CNF****2 Statistical IC simulation based on independent wafer extracted process parameters and experimental designs**

Davis, W.F.; Ida, R.T.;
Bipolar Circuits and Technology Meeting, 1989., Proceedings of the 1989 , 18-19 Sept. 1989
Page(s): 262 -265

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Takatsuji, T.; Tanaka, K.;
Industrial Electronics, Control, Instrumentation, and Automation, 1992. 'Power Electronics and Motion Control', Proceedings of the 1992 International Conference on , 9-13 Nov. 1992
Page(s): 1571 -1576 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(440 KB\)\]](#) **IEEE CNF****4 Wire bond development for high-pincount surface-mount**

Shu, B.;
Electronic Components and Technology Conference, 1992. Proceedings., 42nd ,

18-20 May 1992
Page(s): 890 -898

[\[Abstract\]](#) [\[PDF Full-Text \(732 KB\)\]](#) **IEEE CNF**

5 Fine pitch gold ball bonding optimization

Shu, W.K.;

Electronic Manufacturing Technology Symposium, 1993, Fifteenth IEEE/CHMT International , 4-6 Oct. 1993

Page(s): 37 -44

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) **IEEE CNF**

6 Generalized linear models for empirical performance modeling in circuit design

Hua Su; Nelder, J.A.; Spence, R.; Ismail, M.;

Circuits and Systems, 1994. APCCAS '94., 1994 IEEE Asia-Pacific Conference on , 5-8 Dec. 1994

Page(s): 311 -316

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) **IEEE CNF**

7 DOE/Opt: a system for design of experiments, response surface modeling, and optimization using process and device simulation

Boning, D.S.; Mozumder, P.K.;

Semiconductor Manufacturing, IEEE Transactions on , Volume: 7 Issue: 2 , May 1994

Page(s): 233 -244

[\[Abstract\]](#) [\[PDF Full-Text \(1240 KB\)\]](#) **IEEE JNL**

8 Process optimization using a fuzzy logic response surface method

Xie, H.; Lee, Y.C.; Mahajan, R.L.; Su, R.;

Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 Issue: 2 , June 1994

Page(s): 202 -211

[\[Abstract\]](#) [\[PDF Full-Text \(824 KB\)\]](#) **IEEE JNL**

9 Determining capability of 0.6 μ m CMOS process using design of experiments

Welten, M.; Murphy, M.; Lane, W.;

Improving the Efficiency of IC Manufacturing Technology, IEE Colloquium on , 12 Apr 1995

Page(s): 2/1 -2/3

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) **IEEE CNF**

10 Run by run control of chemical-mechanical polishing

Boning, D.; Moyne, W.; Smith, T.; Moyne, J.; Trelfeyan, R.; Hurwitz, A.; Sellman, S.; Taylor, J.;

Electronics Manufacturing Technology Symposium, 1995. 'Manufacturing Technologies - Present and Future', Seventeenth IEEE/CPMT International , 2-4 Oct. 1995

Page(s): 81 -87

[\[Abstract\]](#) [\[PDF Full-Text \(752 KB\)\]](#) **IEEE CNF**

11 Sensitivity analysis and optimization in simulation: design of experiments and case studies

Kleijnen, J.P.C.;

Simulation Conference Proceedings, 1995. Winter , 3-6 Dec. 1995

Page(s): 133 -140

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **IEEE CNF**

12 Using statistically designed experiments to improve reliability and to achieve robust reliability

Hamada, M.;

Reliability, IEEE Transactions on , Volume: 44 Issue: 2 , June 1995

Page(s): 206 -215

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) **IEEE JNL**

13 Statistical modeling for the optimal deposition of sputtered piezoelectric films

Hickernell, F.J.; Yue, R.X.; Hickernell, F.S.;

Frequency Control Symposium, 1996. 50th., Proceedings of the 1996 IEEE International. , 5-7 June 1996

Page(s): 141 -147

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **IEEE CNF**

14 Run by run control of chemical-mechanical polishing

Boning, D.S.; Moyne, W.P.; Smith, T.H.; Moyne, J.; Telfeyan, R.; Hurwitz, A.; Shellman, S.; Taylor, J.;

Components, Packaging, and Manufacturing Technology, Part C, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 19 Issue: 4 , Oct. 1996

Page(s): 307 -314

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) **IEEE JNL**

15 Statistical modeling for the optimal deposition of sputtered piezoelectric films

Hickernell, F.J.; Yue, R.-X.; Hickernell, F.S.;

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on ,
Volume: 44 Issue: 3 , May 1997

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16 Modeling and optimization of wafer-level spatial uniformity with the use of rational subgrouping

Ruey-Shan Guo; Argon Chen; Cheewee Liu; Lin, A.; Lan, M.;

Semiconductor Manufacturing Conference Proceedings, 1999 IEEE International Symposium on , 11-13 Oct. 1999

Page(s): 429 -432

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEEE CNF**

17 Hardware and process dependence of electron shading damage in a high density plasma oxide etch tool

Werking, J.; Bosch, W.; McCormack, D.W., Jr; Flanner, J.; Ferguson, G.;

Plasma Process-Induced Damage, 1999 4th International Symposium on , 9-11 May 1999

Page(s): 128 -131

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) **IEEE CNF**

18 Fault diagnosis of analog integrated circuits using response surface methods

Vazquez-Gonzalez, J.-L.; Flores-Verdad, G.E.;

Statistical Metrology, 1999. IWSM. 1999 4th International Workshop on , 12 June 1999

Page(s): 18 -21

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) **IEEE CNF**

19 Response surface methodology for matrix PBGA warpage prediction

Egan, E.; Kelly, G.; O'Donovan, T.; Murtagh, D.; Herard, L.;

Thermal and Thermomechanical Phenomena in Electronic Systems, 2000.

ITHERM 2000. The Seventh Intersociety Conference on , Volume: 1 , 23-26 May 2000 -384

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) **IEEE CNF**

20 Low cost response surface methods for and from simulation optimization

Allen, T.; Yu, L.;

Simulation Conference Proceedings, 2000. Winter , Volume: 1 , 10-13 Dec. 2000

Page(s): 704 -714 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(968 KB\)\]](#) **IEEE CNF**

21 Stochastic simulations of rejected World Wide Web pages

Meghabghab, G.;

Modeling, Analysis and Simulation of Computer and Telecommunication Systems, 2000. Proceedings. 8th International Symposium on , 29 Aug.-1 Sept. 2000

Page(s): 483 -491

[\[Abstract\]](#) [\[PDF Full-Text \(1064 KB\)\]](#) **IEEE CNF**

22 Parameter optimization of field oriented control with 6 sigma tool

Jin-Seong Hwang; Kyung-Hoon Kim; Yong-Tae Kim; Seung-Myun Baek;

Industrial Electronics, 2001. Proceedings. ISIE 2001. IEEE International Symposium on , Volume: 3 , 12-16 June 2001

Page(s): 1866 -1870 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

23 Design synergy through variable complexity architectures

Silva, V.V.R.; Khatib, W.; Fleming, P.J.;

American Control Conference, 2001. Proceedings of the 2001 , Volume: 5 , 25-27 June 2001

Page(s): 3409 -3414 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) **IEEE CNF**

24 Implementation of response surface methodology using variance reduction techniques in semiconductor manufacturing

McAllister, C.D.; Altuntas, B.; Frank, M.; Potoradi, J.;

Simulation Conference, 2001. Proceedings of the Winter , Volume: 2 , 9-12 Dec. 2001

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[\[Abstract\]](#) [\[PDF Full-Text \(461 KB\)\]](#) **IEEE CNF**

25 Assessment of the final metrological characteristics of a MOEMS based NDIR spectrometer through system modelling and data processing

Calaza, C.; Meca, E.; Marco, S.; Moreno, M.; Samitier, J.; Fonseca, L.; Gracia, I.; Cane, C.;

Sensors, 2002. Proceedings of IEEE , Volume: 2 , 12-14 June 2002

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[\[Abstract\]](#) [\[PDF Full-Text \(643 KB\)\]](#) **IEEE CNF**

26 Robust design for torque optimization using response surface methodology

Gao, X.K.; Low, T.S.; Liu, Z.J.; Chen, S.X.;

Magnetics, IEEE Transactions on , Volume: 38 Issue: 2 , March 2002

Page(s): 1141 -1144

[\[Abstract\]](#) [\[PDF Full-Text \(259 KB\)\]](#) **IEEE JNL**

27 Assessment of the final metrological characteristics of a MOEMS-based NDIR spectrometer through system modeling and data processing

Calaza, C.; Meca, E.; Marco, S.; Moreno, M.; Samitier, J.; Fonseca, L.; Gracia, I.; Cane, C.;

Sensors Journal, IEEE , Volume: 3 Issue: 5 , Oct. 2003

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